

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40	((MASAYUKI) near2 (HOSHINO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 15:03
S2	22	S1 AND "base station"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 16:32
S3	4	S1 AND "base station" AND directional	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 16:36
S4	123	((KENICHI) near2 (MIYOSHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 16:47
S5	121	(S1 or S4) AND "base station"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 16:49
S6	99	(S1 or S4) AND "base station" AND transm\$7.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 16:55
S7	19	(S1 or S4) AND "base station" AND transm\$7.clm. AND directivity	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 07:56
S8	1623	directivity AND "base station"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 08:05
S9	123	directivity AND "base station" AND SIR	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 16:19
S10	1	"20020168946"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 08:28
S11	1397	455/562.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 10:30
S12	62981	h04m001/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 14:40
S13	165	S12 AND directivity AND "base station"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 12:54

## EAST Search History

S14	1	2002JP-0059444.ap,prai.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 11:24
S15	1183	switch\$3 with directivity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 12:20
S16	250	S15 same time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 11:25
S17	43	S16 AND "base station"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 11:25
S18	435	(switch\$3 chang\$3) with directivity AND "base station"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 14:35
S19	52	S18 AND SIR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 12:21
S20	62981	h04m001/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 12:54
S21	38	S20 AND directivity AND "base station" AND synchroniz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 15:46

## EAST Search History

S22	11	S20 AND directivity same synchroniz\$5 AND "base station"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 13:06
S23	21	S20 AND directivity same (synchroniz\$5 "reference signal") AND "base station"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 14:16
S24	1	wo-2003084099-.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 14:20
S25	2	"20050181832"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 14:20
S26	2	"20030169707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 17:25
S27	9	(switch\$3 chang\$3) WITH directivity SAME SIR AND "base station"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 14:36
S28	4	("6061553"   "6064338"   "6385185"   "6526271").PN. OR ("6959070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 14:51
S29	17	directivity same "base station" same sir same signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/18 15:47
S30	3	("20030013408"   "6600901"   "6697642").PN. OR ("6915120"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 16:19

## EAST Search History

S31	8534	"base station" same synchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 17:28
S32	4739	S31 same time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 17:28
S33	2963	S32 same signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 17:29
S34	406	S33 AND directional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 07:58
S35	3950	"directional antenna" AND (modulate code control) same (directivity power gain) same signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:09
S36	1234	S35 AND synchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:53
S37	488	S36 AND "455".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:54
S38	17	S37 AND sir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:55

## EAST Search History

S39	908	"directional antenna" AND "base station" AND (modulat\$3 cod\$3 control\$3) same (directivity power gain) same signal same (packet data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:14
S40	353	"directional antenna" AND "base station" same (modulat\$3 cod\$3 control\$3) same (directivity power gain) same signal same (packet data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:12
S41	245	S40 AND "455".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:13
S42	6	"directional antenna" AND "base station", AND (modulat\$3 cod\$3 control\$3) same (directivity power gain) same signal same (packet data) AND SIR AND "reference signal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:14
S43	14808	antenna same weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:29
S44	1268	antenna same weight with control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:29
S45	79	antenna same weight with control same "base station" same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:56
S46	656	(gain weight power) adj control\$3 same "base station" same sir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:02

## EAST Search History

S47	396	S46 AND "455".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:47
S48	5307	(gain weight power) adj control\$3 same "base station" same signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:02
S49	2744	(gain weight power) adj control\$3 same "base station" same signal AND "455".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:03
S50	573	S49 AND sir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:35
S51	45	"adaptive modulation" same match	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 14:02
S52	19	"adaptive modulation" same match same (power gain directivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:53
S53	441	"adaptive modulation" same (power gain directivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:53
S54	100	S53 same "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:53

## EAST Search History

S55	232	"adaptive modulation" same (match "same")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 14:12
S56	159	"adaptive modulation" same (match "same") AND "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 14:13
S57	32	"adaptive modulation" same ((match "same") with power) AND "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:29
S59	2	"5781542".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 16:25
S60	0	"directional antenna" same (adaptive\$2 adj modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 08:14
S61	51	"directional antenna" and (adaptive\$2 adj modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:47
S62	506	(adaptive\$2 adj modulat\$3) same (transmit\$5 same receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:53
S63	269	(adaptive\$2 adj modulat\$3) same (transmit\$5 same receiv\$4) AND ("370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:08
S64	33	("5285478"   "5541955"   "5623484"   "5809086").PN. OR ("6108374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 11:07

## EAST Search History

S65	98	(adaptive\$2 adj modulat\$3) same (transmit\$5 same receiv\$4) same (power gain directivity) AND ("370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:08
S69	5167	directivity AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:40
S70	606	directivity same "base station" AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 16:43
S71	521	directivity same "base station" AND control AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:27
S72	2	("5274382"   "5889825").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 17:16
S73	348	directivity same "base station" AND control AND modulat\$3 AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:29
S74	48.	directivity same "base station" AND control AND modulat\$3 AND SIR AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 17:29
S75	280	directivity same "base station" same signal AND control AND modulat\$3 AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 06:57
S76	542	directivity same (modulat\$3 cod\$3) AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 10:17

## EAST Search History

S77	78	directivity same (modulat\$3 cod\$3) same "base station" same transmit\$4 AND ("343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 08:01
S78	270	"same directivity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 08:01
S79	5	"same directivity" same SIR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 09:21
S80	21	("same" identical similar) adj directivity and SIR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:56
S81	80	directivity and docomo.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 10:00
S82	491	directivity same (modulat\$3 cod\$3) AND ("343" "370" "379" "455").clas. not MATSUSHITA.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 10:18
S83	83	"base station" same directivity same (modulat\$3 cod\$3) AND ("343" "370" "379" "455").clas. not MATSUSHITA.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 11:10
S84	368	"adaptive array antenna" AND directivity NOT matsushita.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 11:11

## EAST Search History

S85	136	S84 AND "reference signal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 11:12
S86	112	S85 AND "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 13:28
S87	124	directivity with "reference signal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 13:29
S88	105	S87 not matsushita.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 14:54
S89	166	"base station" with transmit\$3 with signal with directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 14:55
S90	136	"base station" with transmit\$3 with signal with directivity not matsushita.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 14:57
S91	123	"base station" same signal same directivity same (packet data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:59
S93	4800	("same" match identical equal synonymous interchangeable \$1like "same as") with directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 07:25

## EAST Search History

S94	919	("same" match identical equal synonymous interchangeable \$1like "same as") with directivity with (signal packet data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:27
S95	93	("same" match identical equal synonymous interchangeable \$1like "same as") with directivity with (signal packet data) same "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 07:39
S96	48	("4128740"   "4932049"   "5193109"   "5274844"   "5437055"   "5485631"   "5615409").PN. OR ("5745858").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 07:53
S97	203	("same" match identical equal synonymous interchangeable \$1like "same as") with directivity with (signal packet data) AND "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:13
S99	115	antenna with directivity same (predetermined with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:11
S100	15	antenna with directivity same (predetermined with time) AND ("adaptive array antenna")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 13:40
S101	4335	(switch different shift rotate alternate change) with directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:15
S102	453	S101 AND "base station" same antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:15

## EAST Search History

S10 3	168	S101 same "base station" same antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:16
S10 4	2	"6791967".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 08:40

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	173	(switch different shift rotate alternate change) with directivity AND "adaptive array antenna"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:37
S2	217	(switch different shift rotate alternate change) with directivity AND ("adaptive array antenna" "adaptive antenna array")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:09
S3	11	"adaptive modulation" AND ("adaptive array antenna" "adaptive antenna array") AND directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:08
S4	25	"adaptive modulation" AND directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 13:16
S5	123	((KENICHI) near2 (MIYOSHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 15:23
S6	311	((KENICHI) near2 (MIYOSHI)).INV.	EPO; JPO; DERWENT	OR	ON	2006/10/26 15:24
S7	34	(S5 S6) AND directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 15:25
S8	24	"adaptive directivity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 08:38
S9	2	"20020168946"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 08:46
S10	1	"1206051"	EPO	OR	ON	2006/10/27 09:05

## EAST Search History

S11	3	"2002320262"	JPO; DERWENT	OR	ON	2006/10/27 09:06
S12	5614	directivity same (time timing scheduler timer scheduling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:09
S13	2067	(switch different shift rotate alternate change) same directivity same (time timing timer scheduling scheduler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:10
S14	1148	(switch change) same directivity same (time timing timer scheduling scheduler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:10
S15	120	(switch change) same directivity same (time timing timer scheduling scheduler) AND "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 15:07
S16	2	"6763062".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 10:53
S17	85	"predetermined time" same directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 08:34
S18	2	"6411612".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 09:22
S19	2	"20030169707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 09:22

## EAST Search History

S20	25	("3680128"   "3692952"   "4143369"   "4898010"   "5260944"   "5349313"   "5371473"   "5550813"   "5555260"   "5602837"   "5603089"   "5608724"   "5657374"   "5680395"   "5715527"   "5754082"   "5784406"   "5818918"   "5825762").PN. OR ("6175747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/30 09:33
S21	182	(switch\$3 chang\$3) same directivity same (tim\$3 scheduling scheduler) AND "base station"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 10:40
S23	2	"20060094468"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 10:25
S24	57	(switch\$3 chang\$3) same directivity same (tim\$3 scheduling scheduler) same "base station" same (mobile terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:38
S25	15	("4164628"   "4383315"   "4765753"   "4845726"   "4901307"   "5295153"   "5327419").PN. OR ("5583852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/30 11:38
S26	724	directivity same "base station" same (mobile terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:38
S27	207	S26 same (switch\$3 chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:44
S28	52	S26 same (switch\$3 chang\$3) same time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 12:37

## EAST Search History

S29	74	directivity with switch\$3 with information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:22
S30	2	"20020168946"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:04
S31	270	directivity with switch\$3 same tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:30
S32	288	directivity with information same (mobile terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:30
S33	54	directivity with information same (mobile terminal) same tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:59
S34	54	directivity with "information" same ("mobile" "terminal") same tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:29
S35	6	directivity with switching with timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:39
S36	327	directivity with (switch\$3 chang\$3) with tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:51

## EAST Search History

S37	56	"base station" same (notif\$4 inform\$3) same directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 15:06
S38	24	"5625885"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:53
S39	2	"5625885".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:53
S40	19	(switch change) same directivity same (time timing timer scheduling scheduler) same (notification notif\$4 inform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 15:56
S41	24	(switch\$3 chang\$3) same directivity same (tim\$3 scheduling scheduler) same (notification notif\$4 inform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 15:58
S42	2360	directivity with tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 16:14
S43	974	S42 AND antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 16:36
S44	2	"20020068590"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 07:38

## EAST Search History

S45	13	"base station" same "directivity information"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 08:37
S46	3	"20020028694"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 07:51
S47	24	(mobile terminal) same "directivity information"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 08:44
S48	1217	(mobile terminal) same directivity same (switch\$3 chang\$3 different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 08:47
S49	942	(mobile terminal) same directivity same (switch\$3 chang\$3 different) and antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 09:20
S50	1912	directivity with signal same (switch\$3 chang\$3 different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 09:22
S51	1053	directivity with signal same (switch\$3 chang\$3 different) same antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 09:23
S52	38	directivity with signal same (switch\$3 chang\$3 different) same antenna same timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 09:23

## EAST Search History

S53	300	directivity with signal same (switch\$3 chang\$3 different) same antenna same tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 09:45
S54	88	directivity with signal same (switch\$3 chang\$3 different) same antenna same tim\$3 same (mobile terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 10:07
S55	88.	directivity with signal same (switch\$3 chang\$3 different) same antenna same (tim\$3 schedul\$3) same (mobile terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 10:59
S56	85	"predetermined time" same directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 11:00
S57	1289	(switch\$3 chang\$3 different) with directivity same (tim\$3 schedul\$3 predetermined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 13:16
S58	1013	(switch\$3 chang\$3 different) with directivity same (tim\$3 schedul\$3 "predetermined time")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 13:16
S59	549	(switch\$3 chang\$3 different) with directivity same (tim\$3 schedul\$3 predetermined) AND ("342" "343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 13:30
S60	1612	"base station" same (power directivity gain) same (switch\$3 chang\$3 different) same (tim\$3 schedul\$3 "predetermined time") same (mobile terminal) same (inform\$3 notify\$3 notification signal) AND ("342" "343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 16:29

## EAST Search History

S61	462	"base station" with (power directivity gain) with (switch\$3 chang\$3 different) same (tim\$3 schedul\$3 "predetermined time") same (mobile terminal) same (inform\$3 notify\$3 notification signal) AND ("342" "343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 16:30
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5914	"base station" with (notify\$3 signal\$3) with (mobile terminal) with (power gain directivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 16:35
S2	1082	"base station" with (notify\$3 signal\$3) with (mobile terminal) with (power gain directivity) with (tim\$3 schedul\$3 "predetermined time")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 16:37
S3	156	"base station" with (notify\$3 signal\$3) with (mobile terminal) with (power gain directivity) with (tim\$3 schedul\$3 "predetermined time") with (switch\$3 chang\$3 different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 10:22
S4	7924	"base station" same ((reference control) with signal) same (power gain directivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 14:23
S5	521	"base station" same ((reference control) with signal) same (power gain directivity) same (modulat\$3 cod\$3) same ("same" match identical similar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 10:39
S6	216	"base station" same ((reference control) with signal) same (power gain directivity) same (modulat\$3 cod\$3) same ("same" match identical similar) with (power directivity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 10:52
S8	7457	"base station" same (switch\$3 chang\$3 different) same (power directivity gain) same (mobile terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 14:25
S9	3052	"base station" same (switch\$3 chang\$3 different) same (power directivity gain) same (mobile terminal) same (tim\$3 schedul\$3 "predetermined time")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 14:26

## EAST Search History

S10	484	"base station" same (switch\$3 chang\$3 different) same (power directivity gain) same (mobile terminal) same (tim\$3 schedul\$3 "predetermined time") same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 14:57
S11	241	"base station" same ((switch\$3 chang\$3 different) with (power directivity gain)) same (mobile terminal) same (tim\$3 schedul\$3 "predetermined time") same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 15:57
S12	10174	(power gain directivity) same (SIR CIR) same ((switch\$3 chang\$3 different) with (tim\$3 schedul\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:03
S13	1190	(power gain directivity) same (SIR CIR) same ((switch\$3 chang\$3 different) with (tim\$3 schedul\$3)) AND ("342" "343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:04
S14	662	(power gain directivity) same (SIR CIR) same ((switch\$3 chang\$3 different) with (tim\$3 schedul\$3)) same transmit\$4 AND ("342" "343" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:13
S15	55	(power gain directivity) same pilot same (SIR CIR) same ((switch\$3 chang\$3 different).with (tim\$3 schedul\$3)) same transmit\$4 AND ("342" "343" "370" "379" "455"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:47
S16	2215	455/436.ccls. AND (switch\$3 chang\$3 different) AND (tim\$3 schedul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:48
S17	1333	455/436.ccls. AND (switch\$3 chang\$3 different) AND (tim\$3 schedul\$3) AND power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:49

## EAST Search History

S18	815	S17 AND (switch\$3 chang\$3 different) same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:51
S19	505	S17 AND (switch\$3 chang\$3 different) with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:51
S20	123	S17 AND (switch\$3 chang\$3 different) near power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:27
S21	1337	455/436.ccls. AND (switch\$3 chang\$3 different) AND (tim\$3 schedul\$3) AND power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:27
S22	19	S21 AND (switch\$3 chang\$3 different) near power AND directional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 13:17
S23	2	"5267261".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 12:58
S24	181	(transmitted with directivity).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 10:50
S25	317	"base station" same (switch\$3 chang\$3 different) near (power directivity gain) near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 14:28

## EAST Search History

S26	433	"base station" same (switch\$3 chang\$3 different) near (power directivity gain) with level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 13:19
S27	101	"base station" same (switch\$3 chang\$3) near (power directivity gain) near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 14:52
S28	18	"pilot signal" same "base station" same directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:11
S29	59	"pilot signal" same directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:19
S30	48	"pilot signal" same directivity	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:59
S31	26	"pilot channel" same directivity	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 16:01
S32	2	"6140961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 07:40
S33	8	("3611381"   "5109390"   "5267261"   "5583852"   "5625885"   "5815116"   "5893033").PN. OR ("6140961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 16:30

## EAST Search History

S34	2	"20060094468"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:09
S35	2266	directivity same (switch\$3 chang\$3 different) same (tim\$3 schedul\$3 "predetermined time")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:14
S36	452	"directivity" same (switch\$3 chang\$3 different) same (tim\$3 schedul\$3 "predetermined time") AND ("base station" mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:41
S37	2	"directivity" near (switch\$3 chang\$3 different) near (tim\$3 schedul\$3 "predetermined time") AND ("base station" mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:48
S39	1	"1206051"	EPO	OR	ON	2006/11/08 08:57
S40	786	"directivity" same (switch\$3 chang\$3 different) same transmit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:41
S41	2	"directivity" near (switch\$3 chang\$3 different) near transmit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:42
S42	153	"directivity" with (switch\$3 chang\$3 different) with transmit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:43
S43	99	"directivity" with (switch\$3 chang\$3 different) with transmit AND antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:43
S44	2	directivity same (timer scheduler)	EPO	OR	ON	2006/11/08 09:49

## EAST Search History

S45	2	directivity same (timer scheduler "timing information")	EPO	OR	ON	2006/11/08 09:50
S46	71	directivity same (time timer scheduler "timing information")	EPO	OR	ON	2006/11/08 12:39
S47	2	directivity same (predetermined near time)	EPO	OR	ON	2006/11/08 12:39
S48	6	directivity same (predetermined with time)	EPO	OR	ON	2006/11/08 12:39
S50	212	measur\$3 near directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 12:51
S51	36	measur\$3 with directivity with quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 13:47
S52	1	"948145"	EPO	OR	ON	2006/11/09 13:24
S53	1	"869577"	EPO	OR	ON	2006/11/09 13:25
S54	650	directivity with quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 07:28
S55	21	directivity with quality with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 13:48
S56	120	(directivity with quality) AND ("373" "374" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 07:33
S57	244	(directivity same quality) AND ("373" "374" "370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 08:01

## EAST Search History

S62	20	(chang\$3 measur\$3 determin\$3 estimat\$3) with (sir cir snr quality) with ("based on" using according) with directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 08:40
S63	2	"5583852".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 08:31
S64	51379	(chang\$3 measur\$3 determin\$3 estimat\$3) near (sir cir snr quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 08:41
S65	45	((chang\$3 measur\$3 determin\$3 estimat\$3) near (sir cir snr quality)) same directivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 08:41
S66	2	"6140961".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 10:59